

Power and Communication Line and Related Structures Construction: 2002

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2002 Economic Census

Construction

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Industry Statistics on 2002 NAICS Basis Distributed Among 1997 NAICS-Based Industries for the United States: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For detailed title descriptions, see Appendix F]

2002 NAICS code	1997 bridge code	Industry or bridge	Number of establishments	Total number of employees	Total payroll	Value of construction work ¹	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Capital expenditures, other than land
			A	B	C	D	E	F	G	H
237130		Power and communication line and related structures construction	6 034	253 506	10 600 799	34 810 458	30 474 963	23 045 082	8 209 232	785 555
	23492000	Power and communication transmission line construction	5 844	173 185	6 847 188	19 986 518	17 270 582	13 958 282	D	736 001
	23493000	Industrial nonbuilding structure construction (pt)	190	80 321	3 753 611	14 823 940	13 204 381	9 086 800	D	49 554

¹For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Employment Statistics for Establishments by State: 2002

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A.]

Location of establishment	Number of establishments	Number of employees		Number of construction workers				Payroll (thousand dollars)		Relative standard error of estimate (percent) for column—
		Total	Construction workers	January to March	April to June	July to September	October to December	Total	Construction workers	
237130. Power and communication line and related structures construction										
United States	6 034	253 506	192 704	S	194 705	190 923	190 072	10 600 799	7 743 498	1
Alabama	109	2 443	1 703	1 454	1 769	1 752	1 835	90 145	66 233	6
Alaska	16	458	387	D	D	D	413	20 370	16 472	9
Arizona	133	7 553	5 530	5 462	5 599	5 367	5 693	339 763	233 147	9
Arkansas	90	1 405	1 135	1 085	1 185	1 152	1 118	39 614	D	9
California	409	29 052	22 844	23 444	22 925	22 295	22 711	1 358 254	1 015 073	3
Colorado	212	8 072	5 683	6 054	5 736	5 507	5 434	387 166	315 969	4
Connecticut	96	1 684	1 188	1 093	1 162	1 263	1 233	79 131	49 209	7
Delaware	6	D	D	D	D	D	D	D	D	S
District of Columbia	2	D	D	D	D	D	D	D	D	S
Florida	333	9 630	6 001	6 204	6 117	5 993	5 689	370 429	206 263	3
Georgia	256	6 433	4 046	4 089	4 196	4 074	3 828	247 420	137 891	4
Hawaii	16	327	249	227	231	266	273	11 419	7 448	22
Idaho	58	942	745	623	727	864	764	32 007	23 428	8
Illinois	213	9 889	7 900	8 721	8 402	6 794	7 684	434 658	334 771	3
Indiana	143	3 476	D	D	2 683	2 649	2 666	133 120	D	7
Iowa	78	942	D	D	755	753	653	36 356	27 679	11
Kansas	53	2 611	1 909	2 021	2 063	1 852	1 702	123 623	100 691	4
Kentucky	82	4 790	D	3 632	3 889	3 641	D	156 513	D	6
Louisiana	71	9 136	7 652	7 260	7 731	8 194	7 422	315 312	270 013	3
Maine	58	750	640	601	706	650	601	39 037	35 667	16
Maryland	119	3 636	D	2 198	2 255	2 210	D	133 320	63 183	16
Massachusetts	88	2 761	1 640	1 612	1 744	1 690	1 525	147 919	86 948	11
Michigan	184	6 272	4 345	4 300	4 619	4 429	4 029	275 613	195 213	6
Minnesota	154	3 165	2 548	1 937	2 759	2 968	2 527	112 176	83 255	7
Mississippi	36	2 500	D	2 047	2 249	D	2 231	82 194	D	2
Missouri	153	3 862	2 674	2 611	2 659	2 736	2 691	152 367	97 607	4
Montana	26	636	D	569	632	497	D	26 564	D	6
Nebraska	31	2 644	D	D	1 382	1 550	1 543	33 775	D	4
Nevada	46	1 136	933	999	941	907	885	169 267	160 852	24
New Hampshire	38	886	723	708	716	735	732	28 863	22 325	6
New Jersey	139	5 095	3 243	4 760	3 161	2 577	2 474	198 909	86 161	7
New Mexico	47	1 098	852	873	847	876	814	39 954	27 116	13
New York	162	4 634	3 143	3 103	3 253	3 161	3 054	252 914	151 491	6
North Carolina	332	12 620	10 518	10 831	10 653	10 444	10 142	440 771	341 907	4
North Dakota	14	302	244	186	269	279	244	9 651	7 299	6
Ohio	261	9 365	7 447	7 936	7 330	6 936	7 585	442 712	345 498	8
Oklahoma	162	2 191	1 686	1 591	1 667	1 765	1 722	64 311	47 089	8
Oregon	53	1 846	1 427	1 248	1 404	1 515	1 543	77 859	57 485	7
Pennsylvania	183	13 580	10 278	12 963	10 208	8 735	9 207	628 499	478 844	3
Rhode Island	5	212	184	188	193	181	172	8 412	6 501	—
South Carolina	51	15 899	14 093	14 258	13 815	13 954	14 346	512 977	440 408	—
South Dakota	43	669	530	492	557	562	509	20 768	16 375	31
Tennessee	136	6 596	D	5 591	D	5 118	6 106	360 232	292 522	2
Texas	594	36 669	27 745	26 237	28 001	29 124	27 618	1 528 785	1 055 700	2
Utah	56	1 378	D	D	985	1 063	1 083	47 224	D	4
Vermont	24	224	176	188	211	147	157	6 890	4 485	16
Virginia	112	4 825	3 739	3 735	3 824	3 628	3 766	182 315	134 347	2
Washington	167	4 270	3 243	2 827	3 353	3 443	3 348	190 786	139 348	5
West Virginia	34	922	771	522	763	895	905	35 879	30 046	9
Wisconsin	126	3 458	D	D	2 903	2 858	2 841	149 640	D	3
Wyoming	24	263	208	279	281	141	130	10 741	7 327	10

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. General Statistics for Establishments by State: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Location of establishment	E ¹	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted out to others	Total rental costs	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	C
237130. Power and communication line and related structures construction											
United States	—	34 810 458	30 474 963	23 045 082	8 209 232	4 335 495	878 634	785 555	7 279 673	1	2
Alabama	—	255 921	226 902	218 474	D	29 019	3 428	5 058	56 885	9	2
Alaska	1	65 713	58 469	49 154	9 612	7 244	2 553	1 644	D	5	14
Arizona	—	695 622	652 283	583 279	85 103	43 339	19 126	11 863	119 015	4	9
Arkansas	1	159 119	D	108 124	27 662	D	5 374	6 233	74 492	S	26
California	—	4 865 196	4 402 589	3 121 881	1 318 314	462 606	142 417	133 026	1 144 484	2	3
Colorado	—	1 381 977	1 341 325	D	934 550	40 652	45 967	22 618	168 514	2	6
Connecticut	—	325 187	253 323	176 437	84 541	71 865	8 384	3 378	29 055	3	15
Delaware	—	D	D	15 945	D	D	446	2 472	D	S	—
District of Columbia	—	D	D	D	D	D	D	D	D	S	S
Florida	—	4 485 769	4 059 169	1 686 685	2 402 853	426 600	50 660	30 454	310 250	1	8
Georgia	—	775 562	631 967	522 248	140 184	143 595	18 044	21 845	155 347	4	11
Hawaii	—	37 736	D	21 554	13 241	D	1 497	877	5 998	S	22
Idaho	1	97 027	82 177	67 525	14 652	14 850	3 159	6 268	26 431	5	2
Illinois	—	1 299 664	969 164	769 992	216 899	330 500	33 126	32 116	304 743	3	5
Indiana	—	373 336	317 252	237 239	86 901	56 083	16 536	11 058	129 175	5	8
Iowa	—	103 431	93 307	84 252	10 391	10 125	2 737	4 106	68 017	6	1
Kansas	—	361 885	D	251 994	95 707	D	8 584	3 079	85 577	S	11
Kentucky	1	449 796	364 808	297 714	69 770	84 988	15 452	12 542	130 823	5	6
Louisiana	—	1 370 428	956 541	821 424	D	413 887	26 345	25 433	282 177	2	5
Maine	—	92 243	D	70 804	18 111	D	1 076	1 214	15 180	S	15
Maryland	—	291 358	D	228 613	51 696	D	6 020	4 314	70 939	S	4
Massachusetts	—	309 382	D	226 060	60 711	D	6 439	7 588	76 600	S	26
Michigan	—	714 005	624 111	575 642	103 356	89 894	26 880	31 364	200 658	5	13
Minnesota	—	532 416	401 420	253 426	152 871	130 997	10 553	18 200	165 273	5	7
Mississippi	—	261 875	234 684	D	154 926	27 191	17 088	17 615	117 404	1	1
Missouri	—	416 265	350 718	284 261	77 992	65 547	9 157	13 632	133 756	4	11
Montana	—	89 420	72 590	56 893	16 165	16 830	5 135	5 197	41 170	6	23
Nebraska	6	157 649	144 844	135 646	D	12 805	4 594	7 787	156 888	21	20
Nevada	—	113 355	D	76 310	29 442	D	6 004	5 043	35 323	S	18
New Hampshire	—	67 679	62 336	48 740	14 660	5 344	2 206	1 887	19 338	3	9
New Jersey	—	530 894	425 725	320 517	133 666	105 169	12 385	10 175	110 961	9	12
New Mexico	—	106 340	90 007	68 862	24 470	16 333	2 308	2 108	25 489	14	8
New York	1	731 581	615 904	518 258	137 360	115 677	20 582	18 659	186 420	5	16
North Carolina	1	1 167 941	1 042 752	910 481	156 983	125 189	29 665	57 706	596 748	5	12
North Dakota	—	40 880	34 128	24 416	9 989	6 751	681	1 424	16 706	6	5
Ohio	—	1 168 768	1 043 703	934 923	135 032	125 065	81 403	11 307	167 450	5	5
Oklahoma	—	210 081	D	157 473	38 273	D	6 930	21 390	72 883	S	7
Oregon	—	194 309	D	143 853	27 717	D	9 544	8 763	98 231	S	1
Pennsylvania	—	1 554 617	1 323 781	1 165 708	241 575	230 835	50 503	30 131	286 210	4	6
Rhode Island	—	32 865	24 019	16 239	7 780	8 846	D	D	D	—	S
South Carolina	—	1 273 975	981 264	941 429	D	292 710	5 218	5 868	95 491	1	3
South Dakota	—	76 670	67 774	55 175	12 622	8 896	2 521	3 445	39 528	21	19
Tennessee	—	682 857	608 872	561 376	D	73 985	7 210	7 220	115 744	2	8
Texas	1	4 879 274	4 624 640	4 324 875	469 189	254 634	90 410	78 905	564 316	2	10
Utah	—	152 075	129 403	112 637	D	22 673	5 448	7 248	58 956	7	51
Vermont	—	D	D	D	5 826	2 688	588	577	6 500	S	15
Virginia	1	484 627	D	344 761	86 951	D	13 800	13 020	206 520	S	8
Washington	1	593 951	D	440 585	104 218	D	20 804	26 695	184 602	S	5
West Virginia	—	155 189	107 231	85 071	24 882	47 959	6 879	2 541	32 731	11	24
Wisconsin	—	514 584	443 589	374 244	82 482	70 995	10 325	29 275	228 993	2	2
Wyoming	1	46 453	27 747	18 967	9 035	18 706	1 166	807	14 838	13	11

¹Construction receipts were obtained from census respondent forms. For establishments whose respondent forms were not received at the time data were tabulated, these data were calculated using industry averages and imputation for nonresponse. The following symbols are shown where estimated imputation-based data on construction receipts account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 4. Detailed Statistics for Establishments: 2002

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Item	Value	Relative standard error of estimate (percent)
237130, Power and communication line and related structures construction		
All establishments number	6 034	4
All employees number	253 506	1
Construction workers in March number	S	S
Construction workers in May number	194 705	1
Construction workers in August number	190 923	1
Construction workers in November number	190 072	1
Average number of construction workers number	192 704	1
Other employees in March number	S	S
Other employees in May number	61 463	1
Other employees in August number	58 312	1
Other employees in November number	58 845	1
Average number of other employees number	60 802	1
Total payroll \$1,000	10 600 799	1
Construction workers \$1,000	7 743 498	2
Other employees \$1,000	2 857 301	1
First-quarter payroll, all employees \$1,000	2 699 789	2
Fringe benefits, all employees \$1,000	2 630 159	1
Legally required expenditures \$1,000	1 430 879	1
Voluntary expenditures \$1,000	1 199 280	1
Value of business done ¹ \$1,000	35 589 808	1
Value of construction work ¹ \$1,000	34 810 458	1
Value of construction work on government owned projects \$1,000	6 194 941	1
Value of construction work on federally owned projects \$1,000	2 508 695	1
Value of construction work on state and locally owned projects \$1,000	3 686 246	1
Value of construction work on privately owned projects \$1,000	28 615 517	1
Other business receipts \$1,000	779 351	1
Value of construction work subcontracted in from others \$1,000	7 959 788	1
Net value of construction work \$1,000	30 474 963	1
Value added \$1,000	23 045 082	1
Selected costs \$1,000	12 544 727	1
Materials, parts, and supplies \$1,000	7 759 805	1
Construction work subcontracted out to others \$1,000	4 335 495	1
Selected power, fuels, and lubricants \$1,000	449 426	1
Purchased electricity \$1,000	42 652	1
Natural gas and manufactured gas \$1,000	15 549	6
Gasoline and diesel fuel \$1,000	364 767	1
On-highway use of gasoline and diesel fuel \$1,000	263 672	1
Off-highway use of gasoline and diesel fuel \$1,000	101 095	2
All other fuels and lubricants \$1,000	26 459	2
Total rental costs \$1,000	878 634	1
Machinery and equipment \$1,000	717 820	1
Buildings \$1,000	160 814	2
Selected purchased services \$1,000	942 103	1
Communication services \$1,000	281 881	1
Repairs to buildings and other structures \$1,000	163 885	2
Repairs to machinery and equipment \$1,000	339 707	1
Legal services \$1,000	56 331	2
Accounting, auditing, and bookkeeping services \$1,000	69 708	4
Advertising and promotional services \$1,000	S	S
Beginning-of-year gross book value of depreciable assets \$1,000	6 918 201	1
Capital expenditures, other than land \$1,000	785 555	2
Retirements and disposition of depreciable assets \$1,000	424 083	1
End-of-year gross book value of depreciable assets \$1,000	7 279 673	1
Depreciation charges during year \$1,000	841 503	2
Establishments with inventories number	934	-
Value of construction work for establishments with inventories \$1,000	7 122 709	-
End-of-2002, inventories of materials and supplies \$1,000	142 351	4
End-of-2001, inventories of materials and supplies \$1,000	142 768	4
Establishments with no inventories number	4 904	-
Value of construction work for establishments with no inventories \$1,000	27 344 884	-
Establishments not reporting inventories number	197	-
Value of construction work for establishment not reporting inventores \$1,000	342 865	-

¹For the 2002 Economic Census, the definitions of value of business done and value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definitions.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Selected Statistics for Establishments by Employment Size Class: 2002

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Employment size class	E ¹	Number of establishments	Total number of employees	Total payroll	Value of business done ²	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted out to others	Relative standard error of estimate (percent) for column—
	A	B	C	D	E	F	G	H	I	J	C
237130, Power and communication line and related structures construction											
All establishments	—	6 034	253 506	10 600 799	35 589 808	34 810 458	30 474 963	23 045 082	8 209 232	4 335 495	1
Establishments with—											
1 to 4 employees	—	1 984	4 499	116 783	369 245	366 360	317 800	251 615	69 070	48 560	9
5 to 9 employees	—	1 300	8 229	257 714	869 209	864 471	760 348	590 070	175 015	104 124	9
10 to 19 employees	—	1 122	14 619	643 167	1 648 985	1 635 803	1 370 806	1 075 477	308 512	264 997	7
20 to 49 employees	—	863	26 648	1 010 249	3 012 660	2 958 842	2 603 398	2 061 245	595 971	355 444	5
50 to 99 employees	—	399	27 616	1 070 215	3 294 002	3 178 181	2 714 418	2 188 691	641 548	463 763	3
100 to 249 employees	—	228	34 991	1 515 784	4 531 265	4 338 609	3 790 701	3 198 073	785 284	547 908	2
250 to 499 employees	—	77	26 249	1 062 812	3 112 391	2 984 520	2 521 660	2 083 717	565 814	462 860	1
500 to 999 employees	—	33	22 727	1 007 540	6 636 709	6 604 730	5 670 780	2 865 011	2 837 748	933 950	—
1,000 employees or more	—	28	87 927	3 916 534	12 115 342	11 878 942	10 725 052	8 731 183	2 230 269	1 153 890	—

¹Construction receipts were obtained from census respondent forms. For establishments whose respondent forms were not received at the time data were tabulated, these data were calculated using industry averages and imputation for nonresponse. The following symbols are shown where estimated imputation-based data on construction receipts account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²For the 2002 Economic Census, the definitions of value of business done and value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definitions.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6. Selected Statistics for Establishments by Value of Business Done Size Class: 2002

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Dollar value size class	E ¹	Number of establishments	Total number of employees	Total payroll	Value of business done ²	Value of construction work ²	Net value of construction work	Value added	Cost of materials, components, supplies, and fuels	Cost of construction work subcontracted out to others	Relative standard error of estimate (percent) for column—
	A	B	C	D	E	F	G	H	I	J	G
237130. Power and communication line and related structures construction											
All establishments	—	6 034	253 506	10 600 799	35 589 808	34 810 458	30 474 963	23 045 082	8 209 232	4 335 495	1
Establishments with value of business done—											
Less than \$25,000	2	63	S	S	S	S	S	S	S	S	S
\$25,000 to \$49,999	—	159	S	S	S	S	S	S	S	S	S
\$50,000 to \$99,999	—	443	708	11 742	33 528	33 508	28 455	21 494	6 981	5 053	20
\$100,000 to \$249,999	—	965	2 738	65 459	157 841	157 719	142 331	109 915	32 538	15 388	13
\$250,000 to \$499,999	—	988	5 348	263 404	346 816	343 416	315 005	244 160	74 246	28 411	11
\$500,000 to \$999,999	—	849	7 450	226 369	615 244	608 860	547 045	444 489	108 939	61 815	10
\$1,000,000 to \$2,499,999	—	1 128	19 079	625 077	1 804 304	1 790 954	1 565 138	1 263 321	315 167	225 816	7
\$2,500,000 to \$4,999,999	—	626	20 302	742 491	2 193 891	2 168 089	1 895 678	1 485 161	436 318	272 412	7
\$5,000,000 to \$9,999,999	—	365	23 758	887 052	2 562 895	2 502 054	2 164 143	1 726 015	498 969	337 912	3
\$10,000,000 or more	—	447	173 887	7 777 411	27 867 945	27 198 512	23 810 141	17 745 146	6 734 428	3 388 371	—

¹Construction receipts were obtained from census respondent forms. For establishments whose respondent forms were not received at the time data were tabulated, these data were calculated using industry averages and imputation for nonresponse. The following symbols are shown where estimated imputation-based data on construction receipts account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²For the 2002 Economic Census, the definitions of value of business done and value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definitions.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 7. Value of Construction Work for Establishments by Type of Construction: 2002

[Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Type of construction	Value of construction work ¹				Relative standard error of estimate (percent) for column—			
	Total	New construction	Additions, alterations, or reconstruction	Maintenance and repair	A	B	C	D
	A	B	C	D	A	B	C	D
237130, Power and communication line and related structures construction								
Total	34 810 458	23 374 264	5 397 509	6 038 685	1	1	1	1
Building construction, total	559 320	386 194	129 957	43 168	2	2	8	2
Other building construction	559 320	386 194	129 957	43 168	2	2	8	2
Nonbuilding construction, total	34 251 138	22 988 069	5 267 551	5 995 518	1	1	1	1
Power and communication transmission lines, cables, towers, and related facilities	19 156 703	10 965 894	4 129 505	4 061 304	1	1	2	2
Power plants	D	D	D	D	S	S	S	S
Other nonbuilding construction	D	D	D	D	S	S	S	S

¹For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 8. Selected Statistics for Establishments by Specialization in Types of Construction: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. This table presents selected statistics for establishments according to degree of specialization in major types of construction work. If number of establishments or value of construction work for a given type of specialization are relatively insignificant, data may not be shown. In addition, data are not shown in this table where distribution of the value of construction work by type of construction was not provided in Table 7. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at the end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A.]

Item	Number of establishments	Total number of employees	Total payroll	Value of construction work for specialized type	Net value of construction work	Value added	Cost of construction work subcontracted out to others	Relative standard error of estimate (percent) for column—
	A	B	C	D	E	F	G	G
237130, Power and communication line and related structures construction								
Total	6 034	253 506	10 600 799	X	30 474 963	23 045 082	4 335 495	1
Establishments specializing 51 percent or more...	6 028	253 287	10 593 311	31 890 744	30 451 101	23 026 862	4 329 048	1
Nonbuilding construction, total								
Establishments specializing 51 percent or more...	6 028	253 287	10 593 311	31 890 744	30 451 101	23 026 862	4 329 048	1
Specialization 100 percent	5 206	180 683	7 192 854	23 550 843	20 847 000	15 525 432	2 703 843	1
Specialization 90 to 99 percent	226	18 960	839 442	2 714 452	2 226 855	1 900 377	615 581	1
Specialization 80 to 89 percent	171	16 618	911 411	1 989 281	2 068 792	1 069 269	295 178	1
Specialization 70 to 79 percent	117	5 289	252 371	526 238	639 320	502 537	102 235	9
Specialization 60 to 69 percent	156	23 869	1 022 507	2 412 775	3 662 223	3 453 401	317 128	1
Specialization 51 to 59 percent	153	7 868	374 725	697 155	1 006 912	575 846	295 084	6
Power and communication transmission lines, cables, towers, and related facilities								
Establishments specializing 51 percent or more...	5 842	173 134	6 844 734	19 086 758	17 264 068	13 953 542	2 712 146	2
Specialization 100 percent	5 110	142 453	5 432 978	16 342 166	14 098 230	11 434 281	2 243 936	2
Specialization 90 to 99 percent	212	10 184	386 994	996 276	941 387	780 620	112 894	3
Specialization 80 to 89 percent	138	6 202	381 459	556 318	589 992	474 747	80 503	3
Specialization 70 to 79 percent	112	4 641	222 760	484 828	587 522	456 595	96 322	10
Specialization 60 to 69 percent	146	4 917	214 804	397 742	550 456	418 943	79 754	3
Specialization 51 to 59 percent	125	4 738	205 739	309 428	496 482	388 357	98 737	19
Power plants								
Establishments specializing 51 percent or more...	186	80 153	3 748 577	12 803 986	13 187 033	9 073 320	1 616 902	—
Specialization 100 percent	96	38 230	1 759 876	7 208 678	6 748 771	4 091 152	459 907	—
Specialization 90 to 99 percent	15	8 776	452 449	1 718 176	1 285 468	1 119 757	502 687	1
Specialization 80 to 89 percent	32	10 415	529 953	1 432 962	1 478 800	594 522	214 674	2
Specialization 70 to 79 percent	5	648	29 611	41 410	51 797	45 942	5 913	—
Specialization 60 to 69 percent	10	18 952	807 703	2 015 033	3 111 767	3 034 458	237 374	—
Specialization 51 to 59 percent	28	3 131	168 986	387 727	510 430	187 489	196 347	1

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 9. Value of Business Done for Establishments by Kind-of-Business Activity: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Based on their primary business activity or combination of activities, establishments were classified into this specific industry. These establishments, however, may also be engaged in other kinds of business activities. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Primary and other kind of business activities	Value of business done ¹	Relative standard error of estimate (percent)
237130, Power and communication line and related structures construction		
Total	35 589 808	1
Heavy construction and civil engineering construction, total	33 030 410	1
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines	22 465 608	1
Cable and conduit laying contractor	10 564 803	1
All other construction activities	1 784 132	3
Other business activities secondary to construction activities, total	D	S
All other business activities secondary to construction activities	D	S
Kind of business activity, nsk	D	S

¹For the 2002 Economic Census, the definition of value of business done has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 10. Selected Statistics for Establishments by Specialization in Kind-of-Business Activity: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. This table presents selected statistics for establishments according to degree of specialization by major activity of construction work. If number of establishments or value of construction work for a given type of specialization are relatively insignificant, data may not be shown. In addition, data are not shown in this table where distribution of the value of business done by kind of business activity was not provided in Table 9. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, and nonsampling error, see note at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A.]

Item	Number of establishments	Total number of employees	Total payroll	Value of construction work for specialized kind of business	Net value of construction work	Value added	Cost of construction work subcontracted out to others	Relative standard error of estimate (percent) for column—
	A	B	C	D	E	F	G	G
237130, Power and communication line and related structures construction								
Total	6 034	253 506	10 600 799	X	30 474 963	23 045 082	4 335 495	1
Establishments specializing 51 percent or more...	5 919	248 600	10 404 433	32 092 133	29 943 988	22 617 763	4 124 523	1
Heavy construction and civil engineering construction, total								
Establishments specializing 51 percent or more...	5 840	243 328	10 259 948	31 776 204	29 668 420	22 411 739	4 076 419	1
Specialization 100 percent	4 343	168 450	7 086 413	24 797 077	22 321 911	15 908 452	2 475 165	2
Specialization 90 to 99 percent	518	22 775	838 693	2 714 560	2 356 899	1 992 711	498 474	1
Specialization 80 to 89 percent	223	10 925	447 700	1 180 408	1 073 548	901 980	356 203	2
Specialization 70 to 79 percent	413	24 345	1 165 995	1 922 711	2 319 098	2 303 149	295 449	1
Specialization 60 to 69 percent	227	8 453	342 875	549 587	771 536	606 558	110 822	5
Specialization 51 to 59 percent	117	8 380	378 272	611 860	825 429	698 890	340 306	6
Heavy construction contractor, such as bridges, tunnels, pipelines, and utility lines								
Establishments specializing 51 percent or more...	1 971	139 751	6 354 863	21 863 504	20 077 266	14 281 582	2 612 341	1
Specialization 100 percent	1 472	111 030	5 065 014	18 676 017	17 096 721	11 698 225	1 579 295	1
Specialization 90 to 99 percent	225	11 140	409 023	1 476 852	1 203 497	1 060 780	329 733	1
Specialization 80 to 89 percent	56	5 447	251 749	697 494	593 234	516 032	262 997	2
Specialization 70 to 79 percent	97	6 194	358 201	524 133	596 359	525 122	135 641	2
Specialization 60 to 69 percent	59	2 449	97 157	143 964	193 119	157 840	41 877	12
Specialization 51 to 59 percent	62	3 491	173 720	345 045	394 335	323 582	262 798	7
Cable and conduit laying contractor								
Establishments specializing 51 percent or more...	3 870	103 577	3 905 085	9 912 700	9 591 154	8 130 157	1 464 077	2
Specialization 100 percent	2 871	57 419	2 021 399	6 121 060	5 225 190	4 210 227	895 870	4
Specialization 90 to 99 percent	293	11 635	429 670	1 237 709	1 153 402	931 931	168 740	3
Specialization 80 to 89 percent	168	5 478	195 951	482 915	480 313	385 947	93 206	4
Specialization 70 to 79 percent	315	18 151	807 795	1 398 579	1 722 738	1 778 027	159 807	2
Specialization 60 to 69 percent	168	6 005	245 719	405 623	578 417	448 717	68 945	3
Specialization 51 to 59 percent	55	4 889	204 552	266 815	431 093	375 308	77 509	5
All other construction activities								
Establishments specializing 51 percent or more...	79	5 273	144 485	315 930	275 568	206 024	48 105	11
Specialization 100 percent	54	5 065	132 374	275 742	242 176	179 781	33 567	16
Specialization 90 to 99 percent	20	102	5 190	22 356	13 295	8 547	D	S
Specialization 80 to 89 percent	2	D	D	D	D	D	D	—
Specialization 70 to 79 percent	1	D	D	D	D	D	D	S
Specialization 51 to 59 percent	2	D	D	D	D	D	D	S

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 11. Value of Construction Work for Establishments by Location of Construction Work: 2002

[Thousand dollars unless otherwise noted. Detail may not add to total because of rounding. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Location of construction work	Value of construction work ¹	Relative standard error of estimate (percent) for column—
237130, Power and communication line and related structures construction		
United States	34 810 458	1
Construction work done in—		
Alabama	562 885	4
Alaska	72 277	5
Arizona	1 190 064	3
Arkansas	336 140	4
California	4 703 294	2
Colorado	647 018	4
Connecticut	181 976	9
Delaware	35 143	6
District of Columbia	55 256	2
Florida	1 650 344	2
Georgia	1 218 045	2
Hawaii	134 938	6
Idaho	117 946	6
Illinois	1 782 557	3
Indiana	593 885	4
Iowa	181 320	4
Kansas	266 084	4
Kentucky	544 507	3
Louisiana	1 157 385	1
Maine	93 128	8
Maryland	517 556	6
Massachusetts	354 279	13
Michigan	714 867	5
Minnesota	301 145	5
Mississippi	441 759	1
Missouri	536 025	4
Montana	76 623	4
Nebraska	262 528	11
Nevada	553 949	2
New Hampshire	202 209	1
New Jersey	573 316	4
New Mexico	156 860	10
New York	826 924	8
North Carolina	939 071	4
North Dakota	35 776	4
Ohio	1 307 860	4
Oklahoma	338 456	7
Oregon	212 242	5
Pennsylvania	1 476 799	3
Rhode Island	79 225	—
South Carolina	1 042 684	1
South Dakota	70 007	23
Tennessee	639 814	2
Texas	5 296 882	2
Utah	158 077	7
Vermont	34 178	6
Virginia	560 774	3
Washington	687 162	4
West Virginia	261 644	5
Wisconsin	573 899	1
Wyoming	53 676	7

¹For the 2002 Economic Census, the definition of value of construction work has been modified from the 1997 Economic Census definition. See Appendix A for the modified definition.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.